

The Delphion Integrated View

Other Views:
[INPADOC](#) | [Derwent...](#)

[Log Out](#) [Order Form](#) [Work Files](#) [View Cart](#)

Title: **JP7137140A2: INDUCTION HEATER**

Country: **JP Japan**
Kind: **A**

Inventor(s): **NAKAHARA TSUTAE
WATANABE IKUJI**

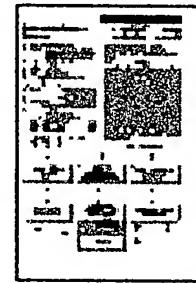
Applicant/Assignee: **ADOHEYA SANSHO KK
YUASA TSUSHINKI KOGYO KK**
[News, Profiles, Stocks and More about this company](#)

Issued/Filed Dates: **May 30, 1995 / Nov. 16, 1993**

Application Number: **JP1993000311128**

IPC Class: **B29C 65/50; B29C 65/36; B29C 65/40; C09J 5/06;
H05B 6/06; B29L 31/58;**

Priority Number(s): **Nov. 16, 1993 JP1993000311128**



[View Image](#)

1 page



Abstract: **Purpose:** To prevent breakdown of an output circuit from occurring owing to abnormal high voltage in an induction heater for melting an adhesive by induction heating of a conductive base material of an adhesive tape when end parts of a plurality of carpets laid on a floor are bonded to each other by using the adhesive tape so structured that a hot melt type adhesive is applied onto a surface of the conductive base material. **Constitution:** An overvoltage protective circuit 14 which stops oscillation of an oscillating circuit 8 when back electromotive force generated in a heating coil L becomes at least a specific value, and an overcurrent protective circuit 15 which intercepts output of the oscillating circuit 8 to the output transistor when a current flowing to the output transistor of an output circuit 10 becomes at least a specific value, are incorporated into an apparatus body to prevent breakdown of the output transistor from occurring owing to abnormal high voltage and overcurrent.

COPYRIGHT: (C)1995,JPO

Family: [Show known family members](#)
 Other Abstract Info: DERABS C95-227939 DERC95-227939
 Foreign References: No patents reference this one

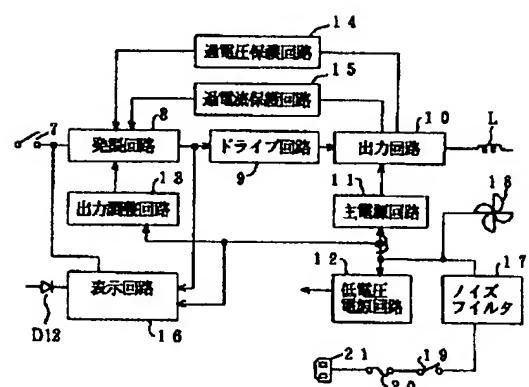
面図である。

【符号の説明】

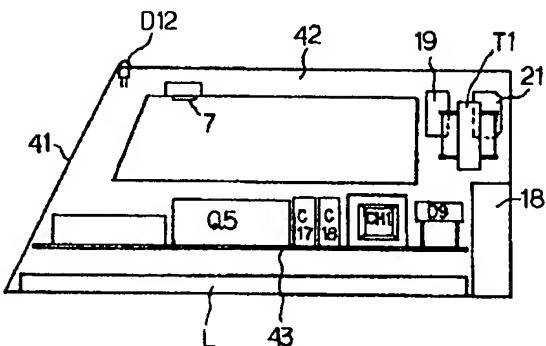
1	床面
2	カーペット
3	接着テープ
4	誘導加熱装置
5	導電性基材
6	接着剤層
7	発振回路
8	ドライブ回路

1 0	出力回路
1 1	主電源回路
1 2	低電圧電源回路
1 3	出力調整回路
1 4	過電圧保護回路
1 5	過電流保護回路
1 6	表示回路
Q 5	出力トランジスタ
L	加熱コイル

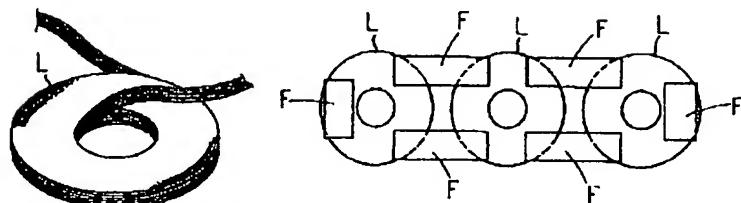
〔图 1〕



[図3]

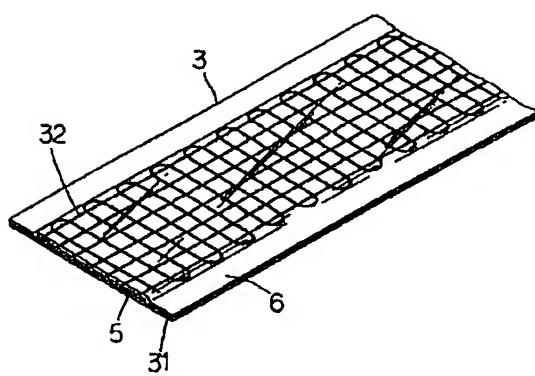


[4]

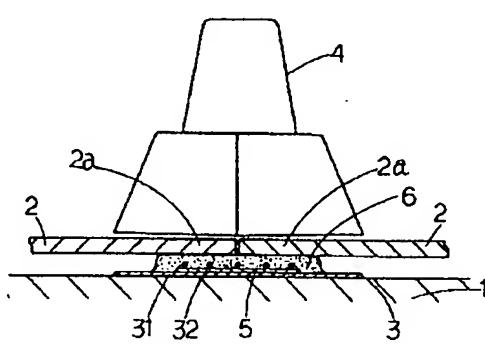


〔圖5〕

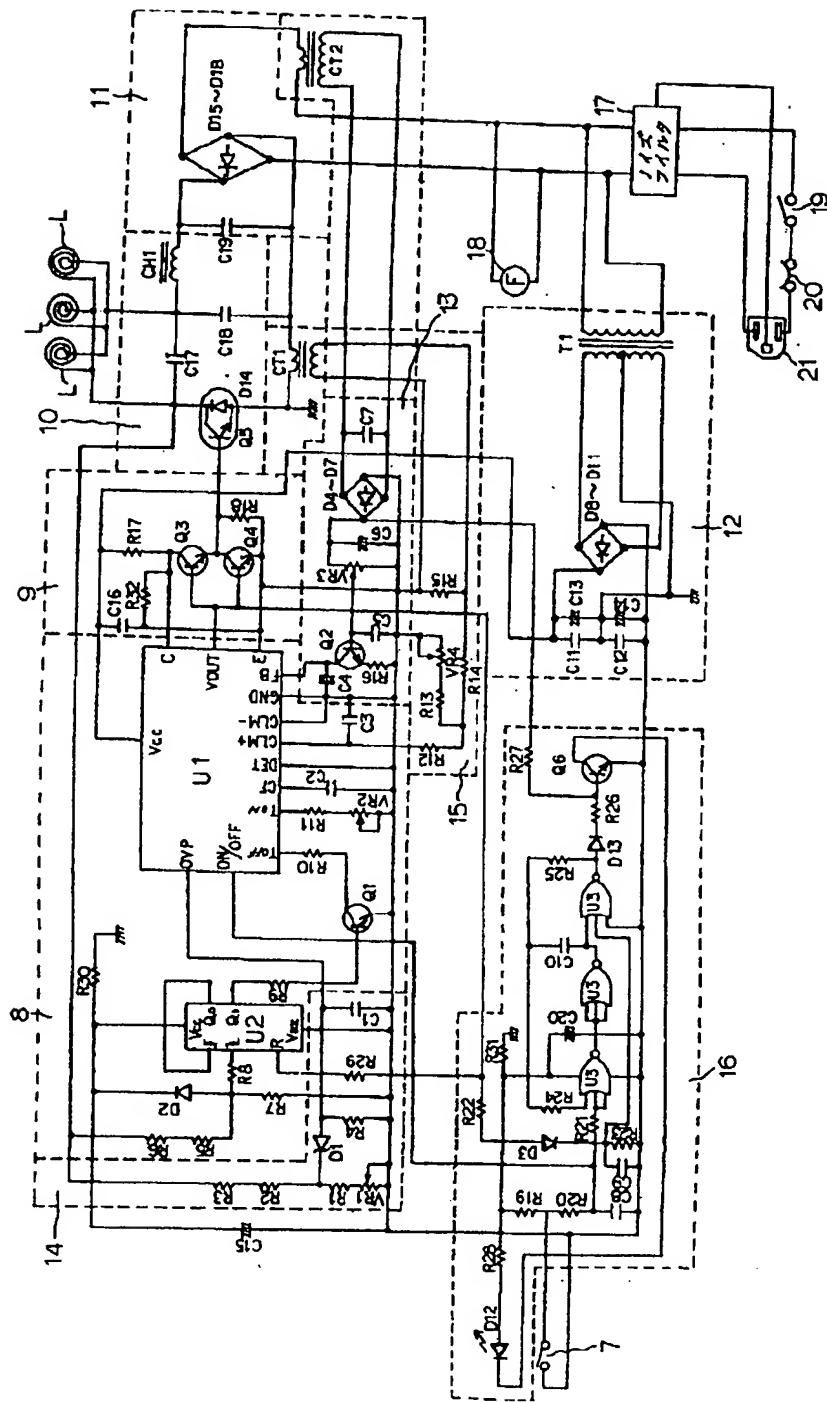
[图6]



[图7]



【図2】



フロントページの続き

(51) Int.Cl.
// B 29 L 31:58

識別記号 庁内整理番号 F I

技術表示箇所